

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Valery Dubin, et al.

Application No. Not Yet Assigned

Filed: Not Yet Assigned

For: ELECTROPLATING BATH COMPOSITION  
AND METHOD OF USING

RULE 1.53(B) DIVISIONAL OF:

SERIAL NO.: 09/970,723

FILED: OCTOBER 3, 2001

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Examiner: Leader, William T.

Art Unit: 1742

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant hereby requests consideration of the enclosed Information Disclosure Statement pursuant to 37 C.F.R. §1.97(b). Attached are the PTO Forms 1449 and Forms 892 from the parent application filed on October 3, 2001 (Serial No. 09/970,723). This previous application is relied upon for an earlier filing date under 35 U.S.C. §120.


Pursuant to C.F.R. §1.98(d), copies of the references are not being provided herewith since they were previously sent to the Patent and Trademark Office. Please consider these cited documents in the §1.53(b) divisional application filed on August 12, 2004.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 8/12, 2004

  
Heather M. Molleur  
Reg. No. 50,432

12400 Wilshire Blvd.  
Seventh Floor  
Los Angeles, CA 90025-1026  
(408) 720-8300

Form 1449/1P-10

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

(use as many sheets as necessary)

Application Number	09/970,723
Filing Date	October 3, 2001
First Named Inventor:	Valery Dubin
Art Unit	1742
Examiner Name	Leader, William T.
Attorney Docket Number	42390P8974D

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of 2

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>				
		DE	199 52 273 A1	05-11-2000	Kobe Steel Ltd.		
		EP	0 982 771 A1	03-01-2000	Lucent Technologies Inc.		
		WO	99/40615	08-12-1999	Semitool, Inc.		

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by translation is attached).  
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the appropriate symbols as indicated on the document under WIPO Standard ST. If possible, it is recommended that you indicate the appropriate symbols as indicated on the document under WIPO Standard ST. If possible, it is recommended that you indicate the appropriate symbols as indicated on the document under WIPO Standard ST.  
Japanese patent documents, the indicator "JP" must be used. If possible, it is recommended that you indicate the appropriate symbols as indicated on the document under WIPO Standard ST.  
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the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, [redacted]  
[redacted]

MAY 10 2006

Based on Form PTO/SB/08A (08-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 09/10/03.

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Substitute for Form 1449/PTO <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	09/970,723	
			Filing Date	October 3, 2001	
			First Named Inventor:	Valery Dubin	
			Art Unit	1742	
			Examiner Name	Leader, William T.	
			Attorney Docket Number	42390P8974D	
Sheet	2	of 2			
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		Patent Abstracts of Japan, Vol. 2000, No. 12, 01-03-2001, and JP 2000 248397 A Electroplating Eng. of Japan Co., 09-12-2000.			
		KELLY, J.J, ET AL., Leveling and Microstructural Effects of Additives for Copper Electrodeposition, Journal Of The Electrochemical Society, Vol. 146, No. 7, 1999, pgs. 2540-2545.			

Examiner Signature		Date Considered	
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<b>Notice of References Cited</b>	Application/Control No. 09/970,723	Ant(s)/Patent Under Reexamination DUBIN ET AL.	
	Examiner William T. Leader	Art Unit 1742	Page 1 of 1

### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,210,555	04-2001	Taylor et al.	205/103
	B	US-6,261,433	07-2001	Landau, Uziel	205/96
	C	US-6,440,289	08-2002	Woo et al.	205/103
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Frederick A. Lowenheim, Electroplating, McGraw-Hill Book Co. New York, 1978, pp. 139-140, 202.
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete if Known**

Application Number	09/970,723
Filing Date	10/03/2001
First Named Inventor:	Valery Dubin
Group Art Unit	1741
Confirmation No.:	2620
Attorney Docket Number	42390P8974D

Sheet	1	of	2
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Date Considered

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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(use as many sheets as necessary)

Sheet

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## U.S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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**Examiner  
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**Date Considered**

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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Application Number	09/970,723
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Group Art Unit	1741
Examiner Name	William T. Leader
Attorney Docket Number	042390P8974D

Sheet	1	of	3
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**U.S. PATENT DOCUMENTS**

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## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								T <sup>6</sup>
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
		EP	1026286	A2	Ebara Corporation	8/9/2000		
		EP	1054080	A2	Shipley Company LLC	11/22/2000		
		EP	1069210	A1	Applied Materials, Inc.	1/17/2000		
		EP	1069212	A1	Applied Materials, Inc.	1/17/2001		
		EP	1111096	A2	Shipley Company LLC	6/27/2001		
		EP	1122989	A2	Shinko Electric Industries Co.	8/8/2001		
		EP	1132500	A2	Applied Materials, Inc.	9/12/2001		

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